



California State Fire Marshal
National Fire Incident Reporting System

Data as of: 03/22/2007 7:51:34AM

FDID Range:
0 to No Upper Bound

Incident Date Range:
01/01/2003 to 12/31/2006

Incident Type:
100 to 199

All Fires By Heat Source, 2003-2006

<u>Year vs Heat Source</u>	2003	2004	2005	2006	<u>Total</u>
Arcing	1,961	2,827	3,735	2,606	11,129
Backfire from internal combustion engine	174	211	370	199	954
Blasting agent	1	4	1	1	7
Candle	431	589	738	502	2,260
Chemical reaction	147	231	358	222	958
Chemical, natural heat source, other	87	130	129	111	457
Cigarette	533	963	1,972	1,862	5,330
Cigarette lighter	276	501	593	522	1,892
Conducted heat from another fire	17	22	18	48	105
Explosive, fireworks, other	63	53	56	49	221
Fireworks	203	239	377	247	1,066
Flame/torch used for lighting	116	167	212	160	655
Flying brand, ember, spark	10	14	23	65	112
Heat from direct flame, convection currents	140	274	227	394	1,035
Heat from other open flame or smoking materials	910	1,294	1,528	1,308	5,040
Heat from powered equipment, other	2,181	3,246	3,684	2,560	11,671
Heat from undetermined smoking material	263	355	453	406	1,477
Heat source: other	1,774	2,411	2,550	1,432	8,167

	2003	2004	2005	2006	<u>Total</u>
Heat spread from another fire, other	86	47	90	152	375
Heat, spark from friction	400	623	669	452	2,144
Hot ember or ash	755	1,058	1,149	878	3,840
Hot or smoldering object, other	998	1,406	1,763	1,331	5,498
Incendiary device	248	405	475	400	1,528
Lightning	43	45	113	57	258
Match	772	1,516	2,257	1,703	6,248
Model and amateur rockets	0	0	3	5	8
Molten, hot material	188	294	294	199	975
Multiple heat sources including multiple ignitions	215	297	308	207	1,027
Munitions	6	4	2	6	18
Other static discharge	23	27	28	23	101
Pipe or cigar	11	19	27	28	85
Radiated heat from another fire	155	152	193	237	737
Radiated, conducted heat from operating equipment	2,552	3,328	3,685	2,229	11,794
Spark, ember or flame from operating equipment	1,447	2,238	2,075	1,246	7,006
Sunlight	10	34	33	31	108
Undetermined	7,837	12,432	14,626	11,986	46,881
Warning or road flare; fusee	24	33	50	38	145
<u>Total</u>	25,057	37,489	44,864	33,902	141,312



**California State Fire Marshal
National Fire Incident Reporting System**

Data as of 03/22/2007 7:55:02AM

FDID Range:

0 to No Upper Bound

Incident Date Range:

01/01/2003 to 12/31/2006

Incident Type:

100 to 199

All Fires By Heat Source, 2003-2006

<u>Incident Year</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
2003								
	Heat source: other	1,774	\$13,501,357	\$3,150,418	6	0	29	12
	Operating equipment	8,141	\$55,664,951	\$19,375,950	47	0	100	15
	Hot or Smoldering Object	2,341	\$16,384,001	\$7,822,282	17	0	35	6
	Explosives, Fireworks	521	\$29,636,970	\$840,209	2	0	6	3
	Other Open Flame or Smoking Materials	3,510	\$21,594,195	\$5,112,594	21	0	98	9
	Chemical, Natural Heat Sources	310	\$2,078,178	\$1,575,472	10	0	2	0
	Heat Spread from Another Fire	408	\$3,143,973	\$1,778,963	0	0	10	0
	Other Heat Sources	215	\$2,607,523	\$668,316	3	0	1	0
	Undetermined	7,837	\$67,015,435	\$34,037,788	66	0	44	22
2003	Subtotal	25,057	\$211,626,583	\$74,361,992	172	0	325	67
2004								
	Heat source: other	2,411	\$23,288,734	\$7,704,511	5	0	23	2
	Operating equipment	11,639	\$103,504,186	\$30,094,986	45	0	164	12
	Hot or Smoldering Object	3,381	\$27,038,460	\$8,574,487	13	0	26	7
	Explosives, Fireworks	705	\$4,184,856	\$1,249,602	1	0	2	0
	Other Open Flame or Smoking Materials	5,648	\$43,975,053	\$12,695,069	29	0	117	21
	Chemical, Natural Heat Sources	467	\$4,023,702	\$2,398,767	3	0	4	0
	Heat Spread from Another Fire	509	\$3,619,205	\$791,841	0	0	3	0
	Other Heat Sources	297	\$4,581,079	\$804,902	0	0	2	2
	Undetermined	12,432	\$146,836,462	\$68,101,546	73	0	102	29
2004	Subtotal	37,489	\$361,051,737	\$132,415,711	169	0	443	73
2005								
	Heat source: other	2,550	\$31,675,023	\$13,468,643	9	0	40	8
	Operating equipment	13,179	\$134,434,002	\$57,232,500	70	0	208	28
	Hot or Smoldering Object	3,875	\$44,933,010	\$13,405,128	42	0	63	8
	Explosives, Fireworks	914	\$6,729,035	\$1,732,734	2	0	5	1
	Other Open Flame or Smoking Materials	8,200	\$63,508,986	\$20,191,375	35	1	165	26
	Chemical, Natural Heat Sources	661	\$16,286,457	\$2,842,451	0	0	8	0
	Heat Spread from Another Fire	551	\$8,271,501	\$3,494,416	4	0	3	0
	Other Heat Sources	308	\$7,037,920	\$1,970,002	6	0	6	1

All Fires By Heat Source, 2003-2006

<u>Incident Year</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
	Undetermined	14,626	\$306,085,650	\$161,950,790	78	0	129	51
2005	Subtotal	44,864	\$618,961,584	\$276,288,039	246	1	627	123
2006								
	Heat source: other	1,432	\$20,251,791	\$6,466,963	7	0	17	5
	Operating equipment	8,641	\$100,824,713	\$38,546,065	32	0	128	11
	Hot or Smoldering Object	2,860	\$128,783,854	\$8,918,522	25	0	38	13
	Explosives, Fireworks	708	\$6,782,567	\$876,501	0	0	2	0
	Other Open Flame or Smoking Materials	6,728	\$66,036,419	\$9,392,534	22	1	108	25
	Chemical, Natural Heat Sources	444	\$6,833,646	\$3,362,729	4	0	2	0
	Heat Spread from Another Fire	896	\$10,096,545	\$2,745,543	1	0	13	1
	Other Heat Sources	207	\$11,133,307	\$1,448,319	1	0	1	1
	Undetermined	11,986	\$251,994,137	\$56,592,794	64	0	142	48
2006	Subtotal	33,902	\$602,736,979	\$128,349,970	156	1	451	104
Grand Total		141,312	\$1,794,376,883	\$611,415,712	743	2	1,846	367

The data contained in this report comes from the State Fire Marshal's California All Incident Reporting System (CAIRS) data warehouse. Property and contents loss figures, if included herein, are estimates only. These emergency incident statistics, including injury and death counts, are based only upon information submitted to the State Fire Marshal by participating California fire departments. Please note that apparent variations in incident counts and associated losses shown in this report may be solely due to fluctuations in the amount of data submitted to the State Fire Marshal. And while the incoming data is validated according to logical data rules, individual data elements are not always verified for accuracy.

All Fires By Heat Source, 2003-2006

<u>Incident</u> <u>Year</u>	<u>Heat</u> <u>Source</u>	<u>Incident</u> <u>Count</u>	<u>Property</u> <u>Losses</u>	<u>Contents</u> <u>Losses</u>	<u>Fire Service</u> <u>Injuries</u>	<u>Fire Service</u> <u>Deaths</u>	<u>Civilian</u> <u>Injuries</u>	<u>Civilian</u> <u>Deaths</u>
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Parameters:

FDID Range:	0 to No Upper Bound
Incident Date Range:	01/01/2003 to 12/31/2006
Incident Type:	100 to 199

Selection Criteria:

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and {IN_FIRE.FR_HEATSOURCE}<> ' '